IN THE SPECIFICATION

Please amend Table 2 on page 32 as follows:

Table 2

| | Zirconium chelate complex | Pyrolysis temperature [°C] | |
|--------------------------|--|----------------------------|--|
| Example 13 | Zr(dhd)3(thd) | 260 | |
| Example 14 | Zr(dhd) ₂ (thd) ₂ | 280 | |
| Example 15 | Zr(dhd)(thd) ₃ | 300 | |
| Comparative Example 7 | Zr(thd) ₄ | 410 | |
| - | Pd(thd)2 Pb(thd)2 | 325 | |
| - | Ti(iPrO) ₂ (thd) ₂ | 280 | |

Please amend Table 6 on page 36 as follows:

Table 6

| Zr chelate complex | | Ti chelate complex | _ | Residue ratio [%] |
|---|--|--|--|---|
| | | | 3017011 | 1410 [70] |
| Zr(dhd) ₃ (thd) | . , – | _ | THF | 0.1 |
| | | | | |
| Zr(dhd)3(thd) | ` , | Ti(iPrO) ₂ (thd) ₂ | THF | 0.2 |
| | | 11(1110)2(1110)2 | | |
| Zr(dhd)3(thd) | Pd(thd) 2 | | СуНех | 0.1 |
| | | | | |
| Zr(dhd)3(thd) | Pd(thd)2 | T:(:D:(O) (41-4) | СуНех | 0.2 |
| | $Pb(thd)_2$ | | | |
| Zr(dhd) ₂ (thd) ₂ | Pd(thd)2 | | THF | 0.1 |
| | $Pb(thd)_2$ | - | | |
| - (11 t) (1 t) | | Ti(iPrO) ₂ (thd) ₂ | THF | 0.2 |
| $Zr(dhd)_2(thd)_2$ | ` ,- | | | |
| Zr(dhd) ₂ (thd) ₂ | | - | | |
| | ` , _ | | СуНех | 0.1 |
| Zr(dhd) ₂ (thd) ₃ | | Ti(iPrO) ₂ (thd) ₂ | - | _ |
| | | | СуНех | 0.2 |
| Zr(dhd)(thd) ₃ | | | *************************************** | |
| | | - | THF | 0.1 |
| Zr(dhd)(thd) ₃ | | | | |
| | | $Ti(iPrO)_2(thd)_2$ | THF | 0.2 |
| | | | | |
| Zr(dhd)(thd) ₃ | | _ | СуНех | 0.1 |
| | | | | |
| Zr(dhd)(thd) ₃ | | Ti(iPrO) ₂ (thd) ₂ | CvHex | 0.2 |
| | | | | |
| Zr(iPrO)(thd) ₃ | | _ | THE | 2.0 |
| | <u>Pb(thd)</u> 2 | _ | 1111 | 2.0 |
| Zr(iPrO)(thd) ₃ | Pd(thd)2 | Ti(iDr()) (thd) | тив | 6.3 |
| | $Pb(thd)_2$ | 11(1F1O)2(1111)2 | I III | 0.5 |
| Zr(nBuO)(thd) ₃ | Pd(thd)2 | T:(:D=()) (+h-4) | THF | 7.1 |
| | $Pb(thd)_2$ | | | 7.1 |
| | Zr(dhd) ₃ (thd) Zr(dhd) ₃ (thd) Zr(dhd) ₃ (thd) Zr(dhd) ₃ (thd) Zr(dhd) ₂ (thd) ₂ Zr(dhd) ₂ (thd) ₂ Zr(dhd) ₂ (thd) ₂ Zr(dhd) ₂ (thd) ₃ Zr(dhd)(thd) ₃ Zr(dhd)(thd) ₃ Zr(dhd)(thd) ₃ Zr(dhd)(thd) ₃ Zr(dhd)(thd) ₃ Zr(dhd)(thd) ₃ Zr(iPrO)(thd) ₃ | Zr(dhd) ₃ (thd) Pd(thd) ₂ Pb(thd) ₂ Pb(thd) ₂ Pb(thd) ₂ Pb(thd) ₂ Zr(dhd) ₃ (thd) Pd(thd) ₂ Pb(thd) ₂ Zr(dhd) ₃ (thd) Pd(thd) ₂ Pb(thd) ₂ Zr(dhd) ₂ (thd) ₃ Pd(thd) ₂ Zr(dhd) ₂ (thd) ₃ Pd(thd) ₂ Zr(dhd)(thd) ₃ Pd(thd) ₂ Zr(dhd)(thd) ₃ Pd(thd) ₂ Pb(thd) ₂ Zr(dhd)(thd) ₃ Zr(dhd) ₂ Pd(thd) ₂ | Zr chelate complex complex 11 chelate complex Zr(dhd) ₃ (thd) Pd(thd) ₂ Pb(thd) ₂ - Zr(dhd) ₃ (thd) Pd(thd) ₂ Pb(thd) ₂ Ti(iPrO) ₂ (thd) ₂ Zr(dhd) ₃ (thd) Pd(thd) ₂ Pb(thd) ₂ Pb(thd) ₂ Ti(iPrO) ₂ (thd) ₂ Zr(dhd) ₃ (thd) Pd(thd) ₂ Pb(thd) ₂ Pb(thd) ₂ - Zr(dhd) ₂ (thd) ₂ Pd(thd) ₂ Pb(thd) ₂ Pb(thd) ₂ - Zr(dhd) ₂ (thd) ₂ Pd(thd) ₂ Pb(thd) ₂ - Zr(dhd) ₂ (thd) ₃ Pd(thd) ₂ Pb(thd) ₂ Pb(thd) ₂ - Zr(dhd)(thd) ₃ Pd(thd) ₂ Pb(thd) ₂ Pb(thd) ₂ - Zr(dhd)(thd) ₃ Pd(thd) ₂ Pb(thd) ₂ Pb(thd) ₂ - Zr(dhd)(thd) ₃ Pd(thd) ₂ Pb(thd) ₂ Pb(thd) ₂ - Zr(dhd)(thd) ₃ Pd(thd) ₂ Pb(thd) ₂ Pb(thd) ₂ - Zr(dhd)(thd) ₃ Pd(thd) ₂ Pb(thd) ₂ Pb(thd) ₂ - Zr(iPrO)(thd) ₃ Pd(thd) ₂ Pb(thd) ₂ Pb(thd) ₂ - Zr(iPrO)(thd) ₃ Pd(thd) ₂ Pb(thd) ₂ Pb(thd) ₂ - Zr(iPrO)(thd) ₃ Pd(thd) ₂ Pb(thd) ₂ Ti(iPrO) ₂ (thd) ₂ | Zr chelate complex complex T1 chelate complex solvent Zr(dhd) ₃ (thd) Pd(thd) ₂ Pb(thd) ₂ Pb(thd) ₂ - THF Zr(dhd) ₃ (thd) Pd(thd) ₂ Pb(thd) ₂ Pb(thd) ₂ Pb(thd) ₂ - CyHex Zr(dhd) ₃ (thd) Pd(thd) ₂ Pb(thd) ₂ Pb(thd) ₂ Pb(thd) ₂ - THF Zr(dhd) ₂ (thd) ₂ Pd(thd) ₂ Pb(thd) ₂ Pb(thd) ₂ Pb(thd) ₂ - THF Zr(dhd) ₂ (thd) ₂ Pd(thd) ₂ Pb(thd) ₂ Ti(iPrO) ₂ (thd) ₂ THF Zr(iPrO)(thd) ₃ Pd(thd) ₂ Pb(thd) ₂ Pb(thd) ₂ Ti(iPrO) ₂ (thd) ₂ THF Zr(iPrO)(thd) ₃ Pd(thd) ₂ Pb(thd) ₂ Ti(iPrO) ₂ (thd) ₂ THF Zr(iPrO)(thd) ₃ Pd(thd) ₂ Pb(thd) ₂ Ti(iPrO) ₂ (thd) ₂ THF Zr(iPrO)(thd) ₃ Pd(thd) ₂ Pb(thd) ₂ Ti(iPrO) ₂ (thd) ₂ THF |

Please amend Table 8 on page 41 as follows:

Table 8

| Tuble C | | | | | | | |
|--|--------------------|--------------------------------|--|--|--|--|--|
| Film forming temperature | 420 to 620°C | Organolead compound | Pb(thd) ₂ Pd(thd) ₂ | | | | |
| Film forming time | 150 to 200 sec | Organotitanium compound | Ti(iPrO) ₂ (thd) ₂ | | | | |
| Reaction pressure | 532 Pa (4 Torr) | Flow rate of lead solution | 0.40 ml/min | | | | |
| Vaporization temperature | 210°C | Flow rate of Zr solution | 0.35 ml/min | | | | |
| Flow rate of oxygen gas | 2.5 slm | Flow rate of titanium solution | 0.12 ml/min | | | | |
| Flow rate of He gas (Carrier gas) | 250 sccm | Substrate | PbTiO ₃ PdTiO ₃ /Pt/SiO ₂ /Si (5 nm/200 nm/500 nm) | | | | |
| Concentration of raw material solution | 0.3 mol/l | | | | | | |